

10/578327

English Translation

IAP12 Rec'd PCT/PTO 27 APR 2006

PATENT COOPERATION TREATY (PCT)

REPORT CONCERNING

NOVELTY SEARCH OF INTERNATIONAL TYPE

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|--|------------------------|--|--|
| IDENTIFICATION OF THE NATIONAL APPLICATION | | Reference of the applicant or representative | |
| | | Ultra-insert | |
| NL Application No. | | Application date | |
| 1024630 | | 27 October 2003 | |
| | | Claimed priority date | |
| | | | |
| Applicant (name) | | | |
| De Groot, Martin Theodoor | | | |
| Date of the request for a search of international type | | ISA No. | |
| | | SN 42865 NL | |
| I. CLASSIFICATION OF THE SUBJECT | | | |
| According to the international classification (IPC) | | | |
| Int.Cl. ⁷ : B29C65/08 F16B5/01 | | | |
| II. TECHNICAL FIELDS SEARCHED | | | |
| Minimum documentation searched | | | |
| Classification system | Classification symbols | | |
| Int.Cl. ⁷ : | B29C F16B | | |
| Documentation searched other than the minimum documentation as far as such documentation is included in the searched areas | | | |
| | | | |
| III. NO SEARCH POSSIBLE FOR CERTAIN CLAIMS (REMARKS ON ADDITIONAL SHEET) | | | |
| IV. LACK OF UNITY OF THE INVENTION (REMARKS ON ADDITIONAL SHEET) | | | |

V. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category | Citation of document with indication, where appropriate, of the relevant passages | Relevant to claim(s) No. |
|----------|--|--------------------------|
| Y | US 5 536 344 A (VAN DREUMEL WILLEM H M) 16 July 1996 (1996-07-16) cited in the application abstract; figures 1-7 ----- | 1-7 |
| Y | DE 201 05 550 U (BRANSON ULTRASCHALL) 16 August 2001 (2001-08-16) page 6, lines 25-27; figure ----- | 1-7 |
| Y | DATABASE WPI Section Ch, week 197938 Derwent Publications Ltd., London, GB; year A35, AN 1979-68921B XP002290845 -& JP 54 101878 A (SEIDENSHA DENSHI KOGYO KK) 10 August 1979 (1979-08-10) abstract; figures ----- -/-- | 1-7 |

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

Category of cited documents:

A: technological background
E: earlier patent document, but published on, or after the filing date
L: document cited for other reasons
O: non-written disclosure
P: intermediate document

T: untimely published document on theory or principle underlying the invention
X: particularly relevant if taken alone
Y: particularly relevant if combined with another document of the same category
&: member of the same patent family, corresponding document

VI. STATEMENT

| | |
|---|--|
| Date of completion of the search of international type 2 August 2004 | Date of transmittal of the search report of international type |
| EUROPEAN PATENT OFFICE | Examiner Cordenier, J |

| V. DOCUMENTS CONSIDERED TO BE RELEVANT | | |
|--|--|-------------------------|
| Category | Citation of document with indication, where appropriate, of the relevant passages | Relevant to claim(s)No. |
| Y | EP 1 160 071 A (TEXTRON INC) 5 December 2001 (2001-12-05) column 9, lines 40-45 ----- | 1-7 |
| A | DE 196 10 636 A (MANNESMANN AG) 18 September 1997 (1997-09-18) claims; figure 1 ----- | 1-7 |
| A | US 5 879 115 A (MEDAL JAMES) 9 March 1999 (1999-03-09) abstract; figures ----- | 1-7 |
| A | DE 21 13 807 A (SHUR LOK CORP) 23 December 1971 (1971-12-23) claim 1; figures ----- | 2 |
| A | DE 39 11 741 A (LICENTIA GMBH) 18 October 1990 (1990-10-18) figure ----- | 1 |
| A | DE 41 41 616 A (JAEGER EBERHARD GMBH) 24 June 1993 (1993-06-24) figure 1 ----- | |
| A | US 6 153 035 A (VAN LAEKEN HOWARD J) 28 November 2000 (2000-11-28) figures ----- | |

ANNEX TO THE SEARCH REPORT OF INTERNATIONAL TYPE
ON PATENT APPLICATION NO.
NL 1024630

The annex comprises a list of Patent Applications and Patents published elsewhere (so called members of the same patent family) which correspond with patent documents mentioned in the report.

| Patent document cited in the report | Publication date | Corresponding document(s) | Publication date |
|-------------------------------------|------------------|---|--|
| US 5536344 A | 16-07-1996 | NONE | |
| DE 20105550 U | 16-08-2001 | DE 20105550 U1 | 16-08-2001 |
| JP 54101878 A | 10-08-1979 | NONE | |
| EP 1160071 A | 05-12-2001 | US 6454891 B1 AU 4605601 A BR 0102219 A CA 2345893 A1 EP 1160071 A2 JP 2002028976 A | 24-09-2002 06-12-2001 13-02-2002 02-12-2001 05-12-2001 29-01-2002 |
| DE 19610636 A | 18-09-1997 | DE 19610636 A1 | 18-09-1997 |
| US 5879115 A | 09-03-1999 | US 5391031 A US 5222850 A AU 5927396 A US 6068718 A WO 9638677 A1 US 6068901 A US 5672036 A US 5769256 A US 5861072 A US 5697744 A AU 7109294 A BR 9406978 A DE 69422288 D1 EP 0707688 A1 JP 9502007 T WO 9501513 A1 | 21-02-1995 29-06-1993 18-12-1996 30-05-2000 05-12-1996 30-05-2000 30-09-1997 23-06-1998 19-01-1999 16-12-1997 24-01-1995 05-03-1996 27-01-2000 24-04-1996 25-02-1997 12-01-1995 |
| DE 2113807 A | 23-12-1971 | BE 764702 A1 CH 532207 A DE 2113807 A1 FR 2085021 A5 GB 1297339 A NL 7103879 A | 16-08-1971 31-12-1972 23-12-1971 17-12-1971 22-11-1972 27-09-1971 |
| DE 3911741 A | 18-10-1990 | DE 3911741 A1 | 18-10-1990 |
| DE 4141616 A | 24-06-1993 | DE 4141616 A1 WO 9312344 A1 | 24-06-1993 24-06-1993 |
| US 6153035 A | 28-11-2000 | NONE | |